

Title (en)

LEUCO POLYMERS AS BLUING AGENTS IN LAUNDRY CARE COMPOSITIONS

Title (de)

LEUKOPOLYMERE ALS VERGRAUUNGSHEMMER BEI WÄSCHEPFLEGEZUSAMMENSETZUNGEN

Title (fr)

LEUCO-POLYMÈRES EN TANT QU'AGENTS D'AZURAGE DANS DES COMPOSITIONS D'ENTRETIEN DU LINGE

Publication

**EP 3535320 A1 20190911 (EN)**

Application

**EP 17808647 A 20171101**

Priority

- US 201662415855 P 20161101
- US 2017059522 W 20171101

Abstract (en)

[origin: US2018118947A1] A is an arylene or heteroarylene, A1 is an aryl or heteroaryl, and B is a bridge member. R1 and R2 are independently selected from the group consisting of hydrogen and R4. R4 is independently selected from the group consisting of alkyl, cycloalkyl, aryl, alkoxy, amino, substituted alkyl, substituted cycloalkyl, substituted aryl, substituted alkoxy and substituted amino. Xi<sup>⊖</sup> is a charge balancing mono- or multi-valent counterion and i is an integer from 1 to 10. Methods of making the leuco polymer, laundry care compositions comprising the leuco polymer and methods of treating textiles with such laundry care compositions.

IPC 8 full level

**C09B 11/10** (2006.01); **C08G 75/00** (2006.01); **C09B 11/02** (2006.01); **C09B 11/12** (2006.01); **C09B 69/02** (2006.01); **C09B 69/10** (2006.01); **C11D 3/42** (2006.01); **D06L 4/629** (2017.01); **D06P 1/00** (2006.01)

CPC (source: EP US)

**C08G 75/00** (2013.01 - US); **C08L 79/02** (2013.01 - US); **C09B 11/02** (2013.01 - EP US); **C09B 11/10** (2013.01 - EP US); **C09B 11/12** (2013.01 - EP US); **C09B 69/02** (2013.01 - EP US); **C09B 69/103** (2013.01 - EP US); **C09B 69/109** (2013.01 - EP US); **D06L 4/629** (2016.12 - EP US); **D06P 1/0052** (2013.01 - EP US); **D06P 1/22** (2013.01 - EP US)

Citation (search report)

See references of WO 2018085391A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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**US 2018118947 A1 20180503**; BR 112019006503 A2 20190813; CN 109890905 A 20190614; CN 109890905 B 20220201; EP 3535320 A1 20190911; JP 2020500954 A 20200116; JP 6866478 B2 20210428; WO 2018085391 A1 20180511

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